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Serial No. 09/822,491



AF/2652

TO: Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

FROM: George O. Saile, Reg. No. 19,572  
28 Davis Ave.  
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SUBJECT: Serial #: 09/822,491  
File Date: 04/02/01  
Inventor: Chen-Jung Chien  
Examiner: Davis, David Donald  
Art Unit: 2652  
Title: An Abutted Junction GMR Read Head With An  
Improved Hard Bias Layer And A Method Of  
Its Fabrication

### RESPONSE TO OFFICE ACTION

This is in response to the final office action dated 05/18/2005. Please amend the  
above identified application for patent as follows:

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents P. O. Box 1450, Alexandria, VA 22313-1450, on:

July 7, 2005  
Signature:  7/7/05  
Stephen B. Ackerman, Reg. No. 37,761